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Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-10-06-03** **Date: 14/10/2021**

Project Name : Package-3, Includes 5 Works
Improvements to Roads and Drains at Thanisandra Dasarahalli Saraipalya and Bharathnagara and Surrounding Area in Ward No 06 Byatarayanapura Sub Division Package-3 (Old Annuxure-2) Go Sl No 109,110,111. Comprehensive Development and Improvements to Roads and Drains Rachenahalli and Surrounding Area in Ward No 6 and 7 Byatarayanapura Sub Division Package-2 (Old Annuxure) Go Sl No 112 and 113.

Improvements to roads and drains at Saraipalya, Bharathnagar and Surrounding area in Ward No 06 Byatarayanapura sub division

Agency : M/s.Ram and Company,Prop.Sri C R Girish,No:12 Patel Pillegoda layout, Ramchandrapura, Bangalore-560013

Customer's Reference : BBMP-EE-BTP-WO-02-2021-22

Date of Receipt : 09-10-21

Customer ID : Cement Concrete Pavement - Afzle layout (2rd Cross road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 14/10/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	07/10/2021	14/10/2021	150.43 X 151.49 X 150.16	22789	8.758	637.7	28.0	27.6
2	Cement Concrete Pavement	M30	07/10/2021	14/10/2021	149.94 X 151.07 X 150.23	22651	8.441	624.8	27.6	
3	Cement Concrete Pavement	M30	07/10/2021	14/10/2021	151.95 X 149.92 X 149.10	22781	8.158	621.4	27.3	

* The results obtained are satisfactory as per standard requirements.

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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Certificate No.: TC-5548

Format No CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-10-06-03** **Date: 04/11/2021**

Project Name : Package-3, Includes 5 Works
Improvements to Roads and Drains at Thanisandra Dasarahalli Saraipalya and Bharathnagara and Surrounding Area in Ward No 06 Byatarayanapura Sub Division Package-3 (Old Annuxure-2) Go Sl No 109,110,111. Comprehensive Development and Improvements to Roads and Drains Rachenahalli and Surrounding Area in Ward No 6 and 7 Byatarayanapura Sub Division Package-2 (Old Annuxure) Go Sl No 112 and 113.

Improvements to roads and drains at Saraipalya, Bharathnagar and Surrounding area in Ward No 06 Byatarayanapura sub division

Agency : M/s.Ram and Company,Prop.Sri C R Girish,No:12 Patel Pillegoda layout, Ramchandrapura, Bangalore-560013

Customer's Reference : BBMP-EE-BTP-WO-02-2021-22

Date of Receipt : 09-10-21

Customer ID : Cement Concrete Pavement - Afzle layout (2rd Cross road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 04/11/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	07/10/2021	04/11/2021	149.14 X 149.23 X 150.65	22257	8.141	755.7	34.0	33.3
2	Cement Concrete Pavement	M30	07/10/2021	04/11/2021	151.76 X 151.25 X 151.55	22953	8.908	753.4	32.8	
3	Cement Concrete Pavement	M30	07/10/2021	04/11/2021	149.11 X 150.72 X 151.20	22474	8.973	746.7	33.2	

* The results obtained are satisfactory as per standard requirements.

FOR CIVIL Pro.

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-10-06-03** **Date: 14/10/2021**

Project Name : Package-3, Includes 5 Works
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Improvements to roads and drains at Saraipalya, Bharathnagar and Surrounding area in Ward No 06 Byatarayanapura sub division

Agency : M/s.Ram and Company,Prop.Sri C R Girish,No:12 Patel Pillegoda layout, Ramchandrapura, Bangalore-560013

Customer's Reference : BBMP-EE-BTP-WO-02-2021-22

Date of Receipt : 09-10-21

Customer ID : Cement Concrete Pavement - Afzle layout (3th Cross road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 14/10/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	07/10/2021	14/10/2021	150.53 X 149.04 X 152.00	22436	8.758	628.2	28.0	27.7
2	Cement Concrete Pavement	M30	07/10/2021	14/10/2021	150.07 X 151.04 X 150.14	22666	8.441	632.7	27.9	
3	Cement Concrete Pavement	M30	07/10/2021	14/10/2021	149.73 X 149.74 X 149.57	22421	8.158	611.4	27.3	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-10-06-03** **Date: 04/11/2021**

Project Name : Package-3, Includes 5 Works
Improvements to Roads and Drains at Thanisandra Dasarahalli Saraipalya and Bharathnagara and Surrounding Area in Ward No 06 Byatarayanapura Sub Division Package-3 (Old Annuxure-2) Go Sl No 109,110,111. Comprehensive Development and Improvements to Roads and Drains Rachenahalli and Surrounding Area in Ward No 6 and 7 Byatarayanapura Sub Division Package-2 (Old Annuxure) Go Sl No 112 and 113.

Improvements to roads and drains at Saraipalya, Bharathnagar and Surrounding area in Ward No 06 Byatarayanapura sub division

Agency : M/s.Ram and Company,Prop.Sri C R Girish,No:12 Patel Pillegoda layout, Ramchandrapura, Bangalore-560013

Customer's Reference : BBMP-EE-BTP-WO-02-2021-22

Date of Receipt : 09-10-21

Customer ID : Cement Concrete Pavement - Afzle layout (3th Cross road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 04/11/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	07/10/2021	04/11/2021	149.04 X 150.03 X 149.13	22361	**8.141**	752.1	33.6	33.1
2	Cement Concrete Pavement	M30	07/10/2021	04/11/2021	151.24 X 149.88 X 150.96	22669	**8.908**	728.1	32.1	
3	Cement Concrete Pavement	M30	07/10/2021	04/11/2021	149.72 X 150.06 X 150.76	22467	**8.973**	755.1	33.6	

* The results obtained are satisfactory as per standard requirements.

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಡರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಡರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು ನಗರ

BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

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Lab ID : **CP-2021-10-06-03** **Date: 14/10/2021**

Project Name : Package-3, Includes 5 Works
Improvements to Roads and Drains at Thanisandra Dasarahalli Saraipalya and Bharathnagara and Surrounding Area in Ward No 06 Byatarayanapura Sub Division Package-3 (Old Annuxure-2) Go Sl No 109,110,111. Comprehensive Development and Improvements to Roads and Drains Rachenahalli and Surrounding Area in Ward No 6 and 7 Byatarayanapura Sub Division Package-2 (Old Annuxure) Go Sl No 112 and 113.

Improvements to roads and drains at Saraipalya, Bharathnagar and Surrounding area in Ward No 06 Byatarayanapura sub division

Agency : M/s.Ram and Company,Prop.Sri C R Girish,No:12 Patel Pillegoda layout, Ramchandrapura, Bangalore-560013

Customer's Reference : BBMP-EE-BTP-WO-02-2021-22

Date of Receipt : 09-10-21

Customer ID : Cement Concrete Pavement - Afzle layout (4th Cross road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 14/10/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	07/10/2021	14/10/2021	150.90 X 151.49 X 151.48	22861	8.758	631.6	27.6	
2	Cement Concrete Pavement	M30	07/10/2021	14/10/2021	149.41 X 150.17 X 150.02	22437	8.441	620.2	27.6	27.7
3	Cement Concrete Pavement	M30	07/10/2021	14/10/2021	149.21 X 151.10 X 149.11	22546	8.158	626.9	27.8	

* The results obtained are satisfactory as per standard requirements.

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-10-06-03**

Date: 04/11/2021

Project Name : Package-3, Includes 5 Works
Improvements to Roads and Drains at Thanisandra Dasarahalli Saraipalya and Bharathnagara and Surrounding Area in Ward No 06 Byatarayanapura Sub Division Package-3 (Old Annuxure-2) Go Sl No 109,110,111. Comprehensive Development and Improvements to Roads and Drains Rachenahalli and Surrounding Area in Ward No 6 and 7 Byatarayanapura Sub Division Package-2 (Old Annuxure) Go Sl No 112 and 113.

Improvements to roads and drains at Saraipalya, Bharathnagar and Surrounding area in Ward No 06 Byatarayanapura sub division

Agency : M/s.Ram and Company,Prop.Sri C R Girish,No:12 Patel Pillegoda layout, Ramchandrapura, Bangalore-560013

Customer's Reference : BBMP-EE-BTP-WO-02-2021-22

Date of Receipt : 09-10-21

Customer ID : Cement Concrete Pavement - Afzle layout (4th Cross road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 04/11/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	07/10/2021	04/11/2021	150.92 X 150.85 X 149.28	22766	8.141	751.8	33.0	33.0
2	Cement Concrete Pavement	M30	07/10/2021	04/11/2021	150.53 X 149.03 X 150.92	22434	8.908	732.2	32.6	
3	Cement Concrete Pavement	M30	07/10/2021	04/11/2021	149.82 X 150.45 X 149.90	22541	8.973	748.7	33.2	

* The results obtained are satisfactory as per standard requirements.

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-10-06-03** **Date: 14/10/2021**

Project Name : Package-3, Includes 5 Works
Improvements to Roads and Drains at Thanisandra Dasarahalli Saraipalya and Bharathnagara and Surrounding Area in Ward No 06 Byatarayanapura Sub Division Package-3 (Old Annuxure-2) Go Sl No 109,110,111. Comprehensive Development and Improvements to Roads and Drains Rachenahalli and Surrounding Area in Ward No 6 and 7 Byatarayanapura Sub Division Package-2 (Old Annuxure) Go Sl No 112 and 113.

Improvements to roads and drains at Saraipalya, Bharathnagar and Surrounding area in Ward No 06 Byatarayanapura sub division

Agency : M/s.Ram and Company,Prop.Sri C R Girish,No:12 Patel Pillegoda layout, Ramchandrapura, Bangalore-560013

Customer's Reference : BBMP-EE-BTP-WO-02-2021-22

Date of Receipt : 09-10-21

Customer ID : Cement Concrete Pavement - Afzle layout (5th Cross road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 14/10/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	07/10/2021	14/10/2021	149.19 X 151.29 X 151.03	22571	8.758	622.5	27.6	27.3
2	Cement Concrete Pavement	M30	07/10/2021	14/10/2021	151.66 X 149.55 X 151.83	22681	8.441	617.7	27.2	
3	Cement Concrete Pavement	M30	07/10/2021	14/10/2021	151.21 X 151.47 X 150.40	22903	8.158	620.7	27.1	

* The results obtained are satisfactory as per standard requirements.

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M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-10-06-03**

Date: 04/11/2021

Project Name : Package-3, Includes 5 Works
Improvements to Roads and Drains at Thanisandra Dasarahalli Saraipalya and Bharathnagara and Surrounding Area in Ward No 06 Byatarayanapura Sub Division Package-3 (Old Annuxure-2) Go Sl No 109,110,111. Comprehensive Development and Improvements to Roads and Drains Rachenahalli and Surrounding Area in Ward No 6 and 7 Byatarayanapura Sub Division Package-2 (Old Annuxure) Go Sl No 112 and 113.

Improvements to roads and drains at Saraipalya, Bharathnagar and Surrounding area in Ward No 06 Byatarayanapura sub division

Agency : M/s.Ram and Company,Prop.Sri C R Girish,No:12 Patel Pillegoda layout, Ramchandrapura, Bangalore-560013

Customer's Reference : BBMP-EE-BTP-WO-02-2021-22

Date of Receipt : 09-10-21

Customer ID : Cement Concrete Pavement - Afzle layout (5th Cross road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 04/11/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	07/10/2021	04/11/2021	150.43 X 150.06 X 151.55	22574	8.141	746.8	33.1	33.1
2	Cement Concrete Pavement	M30	07/10/2021	04/11/2021	149.58 X 151.57 X 150.56	22671	8.908	733.8	32.4	
3	Cement Concrete Pavement	M30	07/10/2021	04/11/2021	151.48 X 151.18 X 151.80	22900	8.973	773.4	33.8	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-10-06-03 Date: 14/10/2021

Project Name : Package-3, Includes 5 Works
Improvements to Roads and Drains at Thanisandra Dasarahalli Saraipalya and Bharathnagara and Surrounding Area in Ward No 06 Byatarayanapura Sub Division Package-3 (Old Annuxure-2) Go Sl No 109,110,111. Comprehensive Development and Improvements to Roads and Drains Rachenahalli and Surrounding Area in Ward No 6 and 7 Byatarayanapura Sub Division Package-2 (Old Annuxure) Go Sl No 112 and 113.

Improvements to roads and drains at Saraipalya, Bharathnagar and Surrounding area in Ward No 06 Byatarayanapura sub division

Agency : M/s.Ram and Company,Prop.Sri C R Girish,No:12 Patel Pillegoda layout, Ramchandrapura, Bangalore-560013

Customer's Reference : BBMP-EE-BTP-WO-02-2021-22

Date of Receipt : 09-10-21

Customer ID : Cement Concrete Pavement - Afzle layout (6th Cross road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 14/10/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	07/10/2021	14/10/2021	149.12 X 149.54 X 150.19	22300	8.758	622.6	27.9	27.5
2	Cement Concrete Pavement	M30	07/10/2021	14/10/2021	150.74 X 149.98 X 149.02	22608	8.441	616.0	27.2	
3	Cement Concrete Pavement	M30	07/10/2021	14/10/2021	149.97 X 149.04 X 151.30	22351	8.158	613.2	27.4	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-10-06-03** **Date: 04/11/2021**

Project Name : Package-3, Includes 5 Works
Improvements to Roads and Drains at Thanisandra Dasarahalli Saraipalya and Bharathnagara and Surrounding Area in Ward No 06 Byatarayanapura Sub Division Package-3 (Old Annuxure-2) Go Sl No 109,110,111. Comprehensive Development and Improvements to Roads and Drains Rachenahalli and Surrounding Area in Ward No 6 and 7 Byatarayanapura Sub Division Package-2 (Old Annuxure) Go Sl No 112 and 113.

Improvements to roads and drains at Saraipalya, Bharathnagar and Surrounding area in Ward No 06 Byatarayanapura sub division

Agency : M/s.Ram and Company,Prop.Sri C R Girish,No:12 Patel Pillegoda layout, Ramchandrapura, Bangalore-560013

Customer's Reference : BBMP-EE-BTP-WO-02-2021-22

Date of Receipt : 09-10-21

Customer ID : Cement Concrete Pavement - Afzle layout (6th Cross road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 04/11/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	07/10/2021	04/11/2021	150.11 X 149.66 X 149.29	22466	8.141	758.6	33.8	33.1
2	Cement Concrete Pavement	M30	07/10/2021	04/11/2021	149.34 X 150.98 X 149.47	22549	8.908	727.4	32.3	
3	Cement Concrete Pavement	M30	07/10/2021	04/11/2021	150.05 X 151.01 X 149.33	22660	8.973	754.5	33.3	

* The results obtained are satisfactory as per standard requirements.

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-10-06-03 **Date: 16/10/2021**

Project Name : Package-3, Includes 5 Works
Improvements to Roads and Drains at Thanisandra Dasarahalli Saraipalya and Bharathnagara and Surrounding Area in Ward No 06 Byatarayanapura Sub Division Package-3 (Old Annuxure-2) Go Sl No 109,110,111. Comprehensive Development and Improvements to Roads and Drains Rachenahalli and Surrounding Area in Ward No 6 and 7 Byatarayanapura Sub Division Package-2 (Old Annuxure) Go Sl No 112 and 113.

Improvements to roads and drains at Saraipalya, Bharathnagar and Surrounding area in Ward No 06 Byatarayanapura sub division

Agency : M/s.Ram and Company,Prop.Sri C R Girish,No:12 Patel Pillegoda layout, Ramchandrapura, Bangalore-560013

Customer's Reference : BBMP-EE-BTP-WO-02-2021-22

Date of Receipt : 11-10-21

Customer ID : Cement Concrete Pavement -Afzle layout Syed Masid Trust Road (1st Cross road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 15/10/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	08/10/2021	15/10/2021	151.37 X 149.08 X 149.04	22565	8.758	619.4	27.5	27.4
2	Cement Concrete Pavement	M30	08/10/2021	15/10/2021	151.11 X 149.85 X 149.15	22644	8.441	621.2	27.4	
3	Cement Concrete Pavement	M30	08/10/2021	15/10/2021	151.43 X 151.18 X 151.55	22893	8.158	624.6	27.3	

* The results obtained are satisfactory as per standard requirements.

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-10-06-03 **Date: 16/10/2021**

Project Name : Package-3, Includes 5 Works
Improvements to Roads and Drains at Thanisandra Dasarahalli Saraipalya and Bharathnagara and Surrounding Area in Ward No 06 Byatarayanapura Sub Division Package-3 (Old Annuxure-2) Go Sl No 109,110,111. Comprehensive Development and Improvements to Roads and Drains Rachenahalli and Surrounding Area in Ward No 6 and 7 Byatarayanapura Sub Division Package-2 (Old Annuxure) Go Sl No 112 and 113.

Improvements to roads and drains at Saraipalya, Bharathnagar and Surrounding area in Ward No 06 Byatarayanapura sub division

Agency : M/s.Ram and Company,Prop.Sri C R Girish,No:12 Patel Pillegoda layout, Ramchandrapura, Bangalore-560013

Customer's Reference : BBMP-EE-BTP-WO-02-2021-22

Date of Receipt : 11-10-21

Customer ID : Cement Concrete Pavement -Afzle layout Syed Masid Trust Road (7th Cross road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 15/10/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	08/10/2021	15/10/2021	151.72 X 149.77 X 149.18	22723	8.758	615.1	27.1	27.4
2	Cement Concrete Pavement	M30	08/10/2021	15/10/2021	150.45 X 151.72 X 150.38	22825	8.441	634.1	27.8	
3	Cement Concrete Pavement	M30	08/10/2021	15/10/2021	149.22 X 150.14 X 151.41	22404	8.158	612.2	27.3	

* The results obtained are satisfactory as per standard requirements.

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ಸಹಾಯಕ ಅಭಿಯಂತರರ ಕಛೇರಿಯ ಮುದ್ರೆಯಂತಿರುವ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-10-06-03 **Date: 16/10/2021**

Project Name : Package-3, Includes 5 Works
Improvements to Roads and Drains at Thanisandra Dasarahalli Saraipalya and Bharathnagara and Surrounding Area in Ward No 06 Byatarayanapura Sub Division Package-3 (Old Annuxure-2) Go Sl No 109,110,111. Comprehensive Development and Improvements to Roads and Drains Rachenahalli and Surrounding Area in Ward No 6 and 7 Byatarayanapura Sub Division Package-2 (Old Annuxure) Go Sl No 112 and 113.

Improvements to roads and drains at Saraipalya, Bharathnagar and Surrounding area in Ward No 06 Byatarayanapura sub division

Agency : M/s.Ram and Company,Prop.Sri C R Girish,No:12 Patel Pillegoda layout, Ramchandrapura, Bangalore-560013

Customer's Reference : BBMP-EE-BTP-WO-02-2021-22

Date of Receipt : 11-10-21

Customer ID : Cement Concrete Pavement -Afzle layout Syed Masid Trust Road (8th Cross road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 15/10/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	08/10/2021	15/10/2021	150.44 X 150.96 X 149.48	22711	8.758	619.7	27.3	
2	Cement Concrete Pavement	M30	08/10/2021	15/10/2021	151.23 X 151.00 X 149.92	22836	8.441	639.4	28.0	27.5
3	Cement Concrete Pavement	M30	08/10/2021	15/10/2021	150.48 X 150.21 X 151.70	22603	8.158	612.9	27.1	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 16/10/2021

Lab ID	:	CP-2021-10-06-03
Project Name	:	Package-3, Includes 5 Works Improvements to Roads and Drains at Thanisandra Dasarahalli Saraipalya and Bharathnagara and Surrounding Area in Ward No 06 Byatarayanapura Sub Division Package-3 (Old Annuxure-2) Go Sl No 109,110,111. Comprehensive Development and Improvements to Roads and Drains Rachenahalli and Surrounding Area in Ward No 6 and 7 Byatarayanapura Sub Division Package-2 (Old Annuxure) Go Sl No 112 and 113. **Improvements to roads and drains at Saraipalya, Bharathnagar and Surrounding area in Ward No 06 Byatarayanapura sub division**
Agency	:	M/s.Ram and Company,Prop.Sri C R Girish,No:12 Patel Pillegoda layout, Ramchandrapura, Bangalore-560013
Customer's Reference	:	BBMP-EE-BTP-WO-02-2021-22
Date of Receipt	:	11-10-21
Customer ID	:	Cement Concrete Pavement -Afzle layout Syed Masid Trust Road (8th Cross road)
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M30 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	15/10/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	08/10/2021	15/10/2021	150.44 X 150.96 X 149.48	22711	8.758	619.7	27.3	27.5
2	Cement Concrete Pavement	M30	08/10/2021	15/10/2021	151.23 X 151.00 X 149.92	22836	8.441	639.4	28.0	
3	Cement Concrete Pavement	M30	08/10/2021	15/10/2021	150.48 X 150.21 X 151.70	22603	8.158	612.9	27.1	

* The results obtained are satisfactory as per standard requirements.

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ವ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

BANGALORE

FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 06/11/2021

Lab ID	:	CP-2021-10-06-03
Project Name	:	Package-3, Includes 5 Works Improvements to Roads and Drains at Thanisandra Dasarahalli Saraipalya and Bharathnagara and Surrounding Area in Ward No 06 Byatarayanapura Sub Division Package-3 (Old Annuxure-2) Go Sl No 109,110,111. Comprehensive Development and Improvements to Roads and Drains Rachenahalli and Surrounding Area in Ward No 6 and 7 Byatarayanapura Sub Division Package-2 (Old Annuxure) Go Sl No 112 and 113. **Improvements to roads and drains at Saraipalya, Bharathnagar and Surrounding area in Ward No 06 Byatarayanapura sub division**
Agency	:	M/s.Ram and Company,Prop.Sri C R Girish,No:12 Patel Pillegoda layout, Ramchandrapura, Bangalore-560013
Customer's Reference	:	BBMP-EE-BTP-WO-02-2021-22
Date of Receipt	:	11-10-21
Customer ID	:	Cement Concrete Pavement -Afzle layout Syed Masid Trust Road (8th Cross road)
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M30 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	05/11/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	08/10/2021	05/11/2021	151.15 X 150.99 X 149.24	22821	8.141	773.3	33.9	33.2
2	Cement Concrete Pavement	M30	08/10/2021	05/11/2021	151.34 X 151.96 X 149.58	22999	8.908	744.2	32.4	
3	Cement Concrete Pavement	M30	08/10/2021	05/11/2021	151.72 X 149.03 X 150.93	22612	8.973	756.1	33.4	

* The results obtained are satisfactory as per standard requirements.

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FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 19/10/2021

Lab ID : CP-2021-10-06-03

Project Name : Package-3, Includes 5 Works
Improvements to Roads and Drains at Thanisandra Dasarahalli Saraipalya and Bharathnagara and Surrounding Area in Ward No 06 Byatarayanapura Sub Division Package-3 (Old Annuxure-2) Go Sl No 109,110,111. Comprehensive Development and Improvements to Roads and Drains Rachenahalli and Surrounding Area in Ward No 6 and 7 Byatarayanapura Sub Division Package-2 (Old Annuxure) Go Sl No 112 and 113.

Improvements to roads and drains at Saraipalya, Bharathnagar and Surrounding area in Ward No 06 Byatarayanapura sub division

Agency : M/s.Ram and Company,Prop.Sri C R Girish,No:12 Patel Pillegoda layout, Ramchandrapura, Bangalore-560013

Customer's Reference : BBMP-EE-BTP-WO-02-2021-22

Date of Receipt : 16-10-21

Customer ID : Cement Concrete Pavement- Saraipalya Main Road (Cross Road-1)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 19/10/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm²)	Average Compressive Strength (N/mm²)
1	Cement Concrete Pavement	M30	12/10/2021	19/10/2021	151.00 X 150.52 X 151.31	22727	8.758	618.4	27.2	27.4
2	Cement Concrete Pavement	M30	12/10/2021	19/10/2021	149.46 X 149.10 X 149.61	22285	8.441	604.3	27.1	
3	Cement Concrete Pavement	M30	12/10/2021	19/10/2021	151.17 X 150.05 X 149.14	22684	8.158	634.9	28.0	

• The results obtained are satisfactory as per standard requirements.

FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

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M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 09/11/2021

Lab ID : **CP-2021-10-06-03**

Project Name : Package-3, Includes 5 Works
Improvements to Roads and Drains at Thanisandra Dasarahalli Saraipalya and Bharathnagara and Surrounding Area in Ward No 06 Byatarayanapura Sub Division Package-3 (Old Annuxure-2) Go Sl No 109,110,111. Comprehensive Development and Improvements to Roads and Drains Rachenahalli and Surrounding Area in Ward No 6 and 7 Byatarayanapura Sub Division Package-2 (Old Annuxure) Go Sl No 112 and 113.

Improvements to roads and drains at Saraipalya, Bharathnagar and Surrounding area in Ward No 06 Byatarayanapura sub division

Agency : M/s.Ram and Company,Prop.Sri C R Girish,No:12 Patel Pillegoda layout, Ramchandrapura, Bangalore-560013

Customer's Reference : BBMP-EE-BTP-WO-02-2021-22

Date of Receipt : 16-10-21

Customer ID : Cement Concrete Pavement- Saraipalya Main Road (Cross Road-1)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 09/11/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	12/10/2021	09/11/2021	151.67 X 149.36 X 149.10	22654	8.141	769.6	34.0	33.0
2	Cement Concrete Pavement	M30	12/10/2021	09/11/2021	151.59 X 149.52 X 150.79	22666	8.908	726.2	32.0	
3	Cement Concrete Pavement	M30	12/10/2021	09/11/2021	150.24 X 151.68 X 149.47	22789	8.973	752.8	33.0	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-10-06-03** **Date: 19/10/2021**

Project Name : Package-3, Includes 5 Works
Improvements to Roads and Drains at Thanisandra Dasarahalli Saraipalya and Bharathnagara and Surrounding Area in Ward No 06 Byatarayanapura Sub Division Package-3 (Old Annuxure-2) Go Sl No 109,110,111. Comprehensive Development and Improvements to Roads and Drains Rachenahalli and Surrounding Area in Ward No 6 and 7 Byatarayanapura Sub Division Package-2 (Old Annuxure) Go Sl No 112 and 113.

Improvements to roads and drains at Saraipalya, Bharathnagar and Surrounding area in Ward No 06 Byatarayanapura sub division

Agency : M/s.Ram and Company,Prop.Sri C R Girish,No:12 Patel Pillegoda layout, Ramchandrapura, Bangalore-560013

Customer's Reference : BBMP-EE-BTP-WO-02-2021-22

Date of Receipt : 16-10-21

Customer ID : Cement Concrete Pavement- Saraipalya Main Road (Cross Road-2)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 19/10/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	12/10/2021	19/10/2021	149.52 X 151.50 X 150.47	22652	8.758	632.7	27.9	
2	Cement Concrete Pavement	M30	12/10/2021	19/10/2021	151.07 X 151.19 X 150.13	22840	8.441	632.6	27.7	27.6
3	Cement Concrete Pavement	M30	12/10/2021	19/10/2021	150.53 X 150.35 X 151.35	22632	8.158	614.9	27.2	

* The results obtained are satisfactory as per standard requirements.

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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-10-06-03 **Date: 09/11/2021**

Project Name : Package-3, Includes 5 Works
Improvements to Roads and Drains at Thanisandra Dasarahalli Saraipalya and Bharathnagara and Surrounding Area in Ward No 06 Byatarayanapura Sub Division Package-3 (Old Annuxure-2) Go Sl No 109,110,111. Comprehensive Development and Improvements to Roads and Drains Rachenahalli and Surrounding Area in Ward No 6 and 7 Byatarayanapura Sub Division Package-2 (Old Annuxure) Go Sl No 112 and 113.

Improvements to roads and drains at Saraipalya, Bharathnagar and Surrounding area in Ward No 06 Byatarayanapura sub division

Agency : M/s.Ram and Company,Prop.Sri C R Girish,No:12 Patel Pillegoda layout, Ramchandrapura, Bangalore-560013

Customer's Reference : BBMP-EE-BTP-WO-02-2021-22

Date of Receipt : 16-10-21

Customer ID : Cement Concrete Pavement- Saraipalya Main Road (Cross Road-2)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 09/11/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	12/10/2021	09/11/2021	151.88 X 151.05 X 151.95	22942	8.141	764.9	33.3	33.3
2	Cement Concrete Pavement	M30	12/10/2021	09/11/2021	151.27 X 150.80 X 150.79	22812	8.908	751.4	32.9	
3	Cement Concrete Pavement	M30	12/10/2021	09/11/2021	150.45 X 151.63 X 151.76	22813	8.973	766.5	33.6	

* The results obtained are satisfactory as per standard requirements.

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-28

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

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M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-10-06-03** **Date: 19/10/2021**

Project Name : Package-3, Includes 5 Works
Improvements to Roads and Drains at Thanisandra Dasarahalli Saraipalya and Bharathnagara and Surrounding Area in Ward No 06 Byatarayanapura Sub Division Package-3 (Old Annuxure-2) Go Sl No 109,110,111. Comprehensive Development and Improvements to Roads and Drains Rachenahalli and Surrounding Area in Ward No 6 and 7 Byatarayanapura Sub Division Package-2 (Old Annuxure) Go Sl No 112 and 113.

Improvements to roads and drains at Saraipalya, Bharathnagar and Surrounding area in Ward No 06 Byatarayanapura sub division

Agency : M/s.Ram and Company,Prop.Sri C R Girish,No:12 Patel Pillegoda layout, Ramchandrapura, Bangalore-560013

Customer's Reference : BBMP-EE-BTP-WO-02-2021-22

Date of Receipt : 16-10-21

Customer ID : Cement Concrete Pavement- Saraipalya Main Road (Cross Road-5)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 19/10/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	12/10/2021	19/10/2021	149.69 X 151.23 X 149.37	22638	8.758	633.5	28.0	27.6
2	Cement Concrete Pavement	M30	12/10/2021	19/10/2021	150.67 X 149.33 X 149.82	22500	8.441	626.7	27.9	
3	Cement Concrete Pavement	M30	12/10/2021	19/10/2021	149.89 X 151.39 X 149.57	22692	8.158	614.7	27.1	

* The results obtained are satisfactory as per standard requirements.

ಸಹಾಯಕ ಅಭಿಯಂತರರು
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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-10-06-03** **Date: 09/11/2021**

Project Name : Package-3, Includes 5 Works
Improvements to Roads and Drains at Thanisandra Dasarahalli Saraipalya and Bharathnagara and Surrounding Area in Ward No 06 Byatarayanapura Sub Division Package-3 (Old Annuxure-2) Go Sl No 109,110,111. Comprehensive Development and Improvements to Roads and Drains Rachenahalli and Surrounding Area in Ward No 6 and 7 Byatarayanapura Sub Division Package-2 (Old Annuxure) Go Sl No 112 and 113.

Improvements to roads and drains at Saraipalya, Bharathnagar and Surrounding area in Ward No 06 Byatarayanapura sub division

Agency : M/s.Ram and Company,Prop.Sri C R Girish,No:12 Patel Pillegoda layout, Ramchandrapura, Bangalore-560013

Customer's Reference : BBMP-EE-BTP-WO-02-2021-22

Date of Receipt : 16-10-21

Customer ID : Cement Concrete Pavement- Saraipalya Main Road (Cross Road-5)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 09/11/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	12/10/2021	09/11/2021	149.90 X 149.32 X 151.31	22383	8.141	755.6	33.8	33.6
2	Cement Concrete Pavement	M30	12/10/2021	09/11/2021	151.17 X 150.05 X 151.74	22684	8.908	747.7	33.0	
3	Cement Concrete Pavement	M30	12/10/2021	09/11/2021	149.44 X 151.87 X 150.32	22695	8.973	770.3	33.9	

* The results obtained are satisfactory as per standard requirements.

ಪವಯಿಕ ಅಭಿಯಂತರರು
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ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ವಲಯ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-24

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

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M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-10-06-03** **Date: 19/10/2021**

Project Name : Package-3, Includes 5 Works
Improvements to Roads and Drains at Thanisandra Dasarahalli Saraipalya and Bharathnagara and Surrounding Area in Ward No 06 Byatarayanapura Sub Division Package-3 (Old Annuxure-2) Go Sl No 109,110,111. Comprehensive Development and Improvements to Roads and Drains Rachenahalli and Surrounding Area in Ward No 6 and 7 Byatarayanapura Sub Division Package-2 (Old Annuxure) Go Sl No 112 and 113.

Improvements to roads and drains at Saraipalya, Bharathnagar and Surrounding area in Ward No 06 Byatarayanapura sub division

Agency : M/s.Ram and Company,Prop.Sri C R Girish,No:12 Patel Pillegoda layout, Ramchandrapura, Bangalore-560013

Customer's Reference : BBMP-EE-BTP-WO-02-2021-22

Date of Receipt : 16-10-21

Customer ID : Cement Concrete Pavement- Saraipalya Main Road (Cross Road-3)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 19/10/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	12/10/2021	19/10/2021	149.28 X 151.70 X 149.73	22645	**8.758**	618.1	27.3	27.4
2	Cement Concrete Pavement	M30	12/10/2021	19/10/2021	151.86 X 151.36 X 150.49	22986	**8.441**	633.1	27.5	
3	Cement Concrete Pavement	M30	12/10/2021	19/10/2021	151.01 X 150.68 X 151.84	22754	**8.158**	621.9	27.3	

* The results obtained are satisfactory as per standard requirements.

ಸಹಾಯಕ ಅಭಿಯಂತರರು
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ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-10-06-03 **Date: 19/10/2021**

Project Name : Package-3, Includes 5 Works
Improvements to Roads and Drains at Thanisandra Dasarahalli Saraipalya and Bharathnagara and Surrounding Area in Ward No 06 Byatarayanapura Sub Division Package-3 (Old Annuxure-2) Go Sl No 109,110,111. Comprehensive Development and Improvements to Roads and Drains Rachenahalli and Surrounding Area in Ward No 6 and 7 Byatarayanapura Sub Division Package-2 (Old Annuxure) Go Sl No 112 and 113.

Improvements to roads and drains at Saraipalya, Bharathnagar and Surrounding area in Ward No 06 Byatarayanapura sub division

Agency : M/s.Ram and Company,Prop.Sri C R Girish,No:12 Patel Pillegoda layout, Ramchandrapura, Bangalore-560013

Customer's Reference : BBMP-EE-BTP-WO-02-2021-22

Date of Receipt : 16-10-21

Customer ID : Cement Concrete Pavement- Saraipalya Main Road (Cross Road-3)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 19/10/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	12/10/2021	19/10/2021	149.28 X 151.70 X 149.73	22645	8.758	618.1	27.3	27.4
2	Cement Concrete Pavement	M30	12/10/2021	19/10/2021	151.86 X 151.36 X 150.49	22986	8.441	633.1	27.5	
3	Cement Concrete Pavement	M30	12/10/2021	19/10/2021	151.01 X 150.68 X 151.84	22754	8.158	621.9	27.3	

* The results obtained are satisfactory as per standard requirements.

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Authorized Signatory
Quality Manager

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M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-10-06-03** **Date: 23/10/2021**

Project Name : Package-3, Includes 5 Works
Improvements to Roads and Drains at Thanisandra Dasarahalli Saraipalya and Bharathnagara and Surrounding Area in Ward No 06 Byatarayanapura Sub Division Package-3 (Old Annuxure-2) Go Sl No 109,110,111. Comprehensive Development and Improvements to Roads and Drains Rachenahalli and Surrounding Area in Ward No 6 and 7 Byatarayanapura Sub Division Package-2 (Old Annuxure) Go Sl No 112 and 113.

Improvements to roads and drains at Saraipalya, Bharathnagar and Surrounding area in Ward No 06 Byatarayanapura sub division

Agency : M/s.Ram and Company,Prop.Sri C R Girish,No:12 Patel Pillegoda layout, Ramchandrapura, Bangalore-560013

Customer's Reference : BBMP-EE-BTP-WO-02-2021-22

Date of Receipt : 18-10-21

Customer ID : Cement Concrete Pavement, (ANJANADRI BADAVANE - 1st Main Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 23/10/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	16/10/2021	23/10/2021	151.97 X 149.66 X 149.74	22744	8.758	630.4	27.7	27.7
2	Cement Concrete Pavement	M30	16/10/2021	23/10/2021	151.35 X 150.19 X 151.75	22731	8.441	631.6	27.8	
3	Cement Concrete Pavement	M30	16/10/2021	23/10/2021	150.67 X 150.87 X 151.32	22733	8.158	628.4	27.6	

* The results obtained are satisfactory as per standard requirements.

ಸಹಾಯಕ ಅಭಿಯಂತರರು
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ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-10-06-03** **Date: 13/11/2021**

Project Name : Package-3, Includes 5 Works
Improvements to Roads and Drains at Thanisandra Dasarahalli Saraipalya and Bharathnagara and Surrounding Area in Ward No 06 Byatarayanapura Sub Division Package-3 (Old Annuxure-2) Go Sl No 109,110,111. Comprehensive Development and Improvements to Roads and Drains Rachenahalli and Surrounding Area in Ward No 6 and 7 Byatarayanapura Sub Division Package-2 (Old Annuxure) Go Sl No 112 and 113.

Improvements to roads and drains at Saraipalya, Bharathnagar and Surrounding area in Ward No 06 Byatarayanapura sub division

Agency : M/s.Ram and Company,Prop.Sri C R Girish,No:12 Patel Pillegoda layout, Ramchandrapura, Bangalore-560013

Customer's Reference : BBMP-EE-BTP-WO-02-2021-22

Date of Receipt : 18-10-21

Customer ID : Cement Concrete Pavement, (ANJANADRI BADAVANE - 3rd Main Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M30 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 13/11/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	16/10/2021	13/11/2021	150.45 X 149.26 X 150.22	22455	8.141	757.2	33.7	33.1
2	Cement Concrete Pavement	M30	16/10/2021	13/11/2021	151.96 X 151.06 X 149.78	22955	8.908	743.8	32.4	
3	Cement Concrete Pavement	M30	16/10/2021	13/11/2021	150.85 X 151.68 X 149.66	22881	8.973	761.7	33.3	

* The results obtained are satisfactory as per standard requirements.

ಸಹಾಯಕ ಆಧಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 13/11/2021

Lab ID	:	CP-2021-10-06-03
Project Name	:	Package-3, Includes 5 Works Improvements to Roads and Drains at Thanisandra Dasarahalli Saraipalya and Bharathnagara and Surrounding Area in Ward No 06 Byatarayanapura Sub Division Package-3 (Old Annuxure-2) Go Sl No 109,110,111. Comprehensive Development and Improvements to Roads and Drains Rachenahalli and Surrounding Area in Ward No 6 and 7 Byatarayanapura Sub Division Package-2 (Old Annuxure) Go Sl No 112 and 113. **Improvements to roads and drains at Saraipalya, Bharathnagar and Surrounding area in Ward No 06 Byatarayanapura sub division**
Agency	:	M/s.Ram and Company,Prop.Sri C R Girish,No:12 Patel Pillegoda layout, Ramchandrapura, Bangalore-560013
Customer's Reference	:	BBMP-EE-BTP-WO-02-2021-22
Date of Receipt	:	18-10-21
Customer ID	:	Cement Concrete Pavement, (ANJANADRI BADAVANE -Cross Road-2)
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M30 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	13/11/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	16/10/2021	13/11/2021	149.24 X 149.09 X 149.09	22251	8.141	744.2	33.4	33.0
2	Cement Concrete Pavement	M30	16/10/2021	13/11/2021	150.90 X 150.33 X 150.82	22683	8.908	729.3	32.2	
3	Cement Concrete Pavement	M30	16/10/2021	13/11/2021	151.25 X 150.66 X 151.87	22787	8.973	761.0	33.4	

* The results obtained are satisfactory as per standard requirements.

ಸಹಾಯಕ ಅಭಿಯಂತರರು
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ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
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